



Lessard-Sams Outdoor Heritage Council

Fisheries Habitat Protection on Strategic North Central Minnesota Lakes - Phase VI (2020)

Laws of Minnesota 2020 Accomplishment Plan

General Information

Date: 09/19/2022

Project Title: Fisheries Habitat Protection on Strategic North Central Minnesota Lakes - Phase VI (2020)

Funds Recommended: \$2,814,000

Legislative Citation: ML 2020, Ch. 104, Art. 1, Sec. 2, subd 5(d)

Appropriation Language: \$2,814,000 the second year is to the commissioner of natural resources for agreements to acquire lands in fee and permanent conservation easements and to restore and enhance wildlife habitat to sustain healthy fish habitat on coldwater lakes in Aitkin, Cass, Crow Wing, and Hubbard Counties. Of this amount, \$883,000 is to Northern Waters Land Trust and \$1,931,000 is to Minnesota Land Trust. Up to \$192,000 to Minnesota Land Trust is to establish a monitoring and enforcement fund as approved in the accomplishment plan and subject to Minnesota Statutes, section 97A.056, subdivision 17. A list of acquisitions must be provided as part of the required accomplishment plan.

Additional Legislative Changes: ML 2022, Chapter 77, Art. 1, Sec. 2, Subd 10. Carryforwards

(c) The availability of the appropriation for Laws 2020, chapter 104, article 1, section 2, subdivision 5, paragraph (d), for Fisheries Habitat Protection on Strategic North Central Minnesota Lakes - Phase VI, is extended to June 30, 2024.

Manager Information

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Location Information

County Location(s): Cass, Hubbard, Aitkin and Crow Wing.

Eco regions in which work will take place:

- Northern Forest

Activity types:

- Protect in Easement
- Protect in Fee

Priority resources addressed by activity:

- Forest
- Habitat

Narrative

Abstract

The Northern Waters Land Trust (NWLTL), in partnership with the Minnesota Land Trust (MLT), will protect high priority critical fish habitat within 15 tullibee "refuge" lakes and their minor watersheds by securing conservation easements and fee title acquisitions. Through this Fisheries Habitat Protection program, NWLT and MLT are working to protect 75% of each targeted watershed, a measure that provides a high probability of maintaining clean water and healthy lake ecosystems. We will permanently protect approximately 1,000 acres through this proposal.

Design and Scope of Work

Sustaining a strong angling heritage in North Central Minnesota (along with the local economy it drives) revolves largely around protecting fisheries habitat. Resurging shoreland development pressures and looming climate change are direct threats to the ecology of Minnesota's lakes. Fisheries research has shown that healthy watersheds with intact forests are fundamental to sustaining good fish habitat over the long term; achieving a 75% protection goal for a lake's watershed ensures a highly resilient and healthy lake ecosystem.

Our protection efforts are focused on tullibee (aka cisco), a preferred forage fish of walleye, northern pike, muskellunge and lake trout. They require cold, well oxygenated waters, a condition most common in lakes with deep water and healthy watersheds. Minnesota DNR Fisheries researchers studied tullibee lakes and designated 68 lakes in Minnesota as the primary "refuge lakes" for tullibee that need protection. We are targeting fifteen (15) of these lakes and their minor watershed located in Hubbard, Crow Wing, Cass, and Aitkin counties. Many are Minnesota's premier recreational lakes.

The Clean Water Critical Habitat (CWCH) Technical Committee evaluated all tullibee lakes in our project area and prioritized 16 lakes and their minor watersheds for action. In assigning priorities, the CWCH considered: (1) the ecological value of the lake, (2) the percent of the minor watershed currently protected, (3) the number of parcels in the watershed greater than 20 acres in size, (4) partner organizations available for advising on outreach efforts, and (5) investment by other agencies and organizations to protect lands and watersheds.

Due to the high level of interest in the program and its great success to date, we are applying for a Phase VI of this effort. In this phase, we will protect 1,000 strategically important acres of land 341 acres through conservation easement and 659 acres through fee title acquisition. Program partners will include County Soil & Water Districts, MNDNR Fisheries, MNDNR Forestry, Counties Minnesota Land Trust and NWLT. This team will conduct outreach to potential landowners and help evaluate the projects to assure we are prioritizing those projects with the greatest conservation outcomes. In addition, to ensure the best conservation return on the state's investment, landowner

willingness to donate a portion of the easement value will be a key component of the parcel's evaluation. MLT will hold the easements.

NWLT proposes securing a fee-title acquisition totaling 659 acres of The Conservation Fund/former Potlatch properties along Kabekona River in the Kabekona Lake watershed. This parcel adjoins Hubbard County land and would be conveyed to the MN DNR Forestry or Hubbard County as managed forest land. NWLT also proposes to include four parcels, totaling 680 acres, of The Conservation Fund/former Potlatch land which would be conveyed to Hubbard County.

How does the plan address habitats that have significant value for wildlife species of greatest conservation need, and/or threatened or endangered species, and list targeted species?

Tullibee (aka cisco) is the preferred forage fish for walleye, northern pike, muskellunge and lake trout. They require cold, well oxygenated waters - a condition most common in lakes with deep water and healthy watersheds. Tullibee populations are the "canary in the coal mine" for three significant threats to Minnesota's sport fisheries: shoreland development, watershed health and climate warming. Deep, cold water lakes with high quality, well-oxygenated waters and natural, undisturbed land cover along the shorelines and within their watersheds will have the best chance to sustain tullibee populations in the face of these threats and will serve as a "refuge" for the tullibee if annual temperatures increase.

Minnesota DNR Fisheries research studied tullibee lakes and designated 68 lakes in Minnesota as primary "refuge lakes" for tullibee that need protection. Fifteen (15) of these lakes and their minor watersheds representing 23.5% of the designated "refuge" lakes (and minor watersheds) are located in Crow Wing, Aitkin, Cass and Hubbard counties. These lakes are premier recreational and sport fishery lakes. Fisheries research has shown that healthy watersheds with intact forest are fundamental to good fish habitat. MN DNR Fisheries Habitat Plan, states near shore fish habitat affected by shoreland disturbance can impact fisheries. Maintaining good water quality is critical to sustaining tullibeas as determined by the water's oxygen level and nutrient content. Lakeshore development decreases a lakes ability to function as a healthy ecosystem for sport fish and their forage, due to increased runoff, but also through physical alternation by lakeshore owners.

Describe how the plan uses science-based targeting that leverages or expands corridors and complexes, reduces fragmentation or protects areas identified in the MN County Biological Survey:

Timothy Cross and Peter Jacobson in their white paper, "Landscape factors influencing lake phosphorus concentrations across Minnesota" determined coldwater fish communities are especially vulnerable to eutrophication from increased phosphorus concentrations. Decreases in hypolimnetic oxygen concentrations have direct negative effects on fish such as Tullibee that physiologically require oxygenated cold water to survive, grow and reproduce. Protection is viewed as the most cost-effective strategy when applied to watersheds where human activities have not already significantly elevated phosphorus levels.

Peter Jacobson and Mike Duval, in "Protecting Watershed of Minnesota Lakes with Private Forest Conservation Easements: A Suggested Strategy", stated that protecting the forests in these watersheds from development is critical for maintaining water quality in these lakes. While large areas of land in forested portions are under public ownership, a considerable amount is also owned by private individuals in some of our most critical lake

watersheds. These parcels are increasingly being "split up" and sold. Modeling by MN DNR Fisheries research unit suggests that total phosphorus concentrations remain near natural background levels when less than 25% of a lake's watershed is disturbed. Tullibee "refuge" lakes have watersheds with less than 25% disturbed land uses and are good candidates for protection. Very deep lakes with exceptional water quality to support coldwater fish populations like tullibee were considered priorities by the report.

Minnesota DNR Fisheries researchers studied tullibee lakes and designated 68 lakes in Minnesota as the primary "refuge lakes" for tullibee. We focused our protection efforts of the highest quality tullibee lakes that will require modest to moderate levels of land protection to achieve 75% protection levels. Protecting the habitats of tullibee "refuge" lakes along the shoreline and surrounding forest lands is essential to a sustained sport fishery.

Which two sections of the Minnesota Statewide Conservation and Preservation Plan are most applicable to this project?

- H1 Protect priority land habitats
- H2 Protect critical shoreland of streams and lakes

Which two other plans are addressed in this program?

- Long Range Plan for Fisheries Management
- Other : Leech Lake River Comprehensive Watershed Management Plan (LLRCWMP)

Which LSOHC section priorities are addressed in this program?

Northern Forest

- Protect shoreland and restore or enhance critical habitat on wild rice lakes, shallow lakes, cold water lakes, streams and rivers, and spawning areas

Does this program include leveraged funding?

Yes

Explain the leverage:

This proposal includes the following funds as leverage to our OHF request:

- Landowner donation in the amount of \$167,000 in easement value is proposed.
- Landowner, lake association and/or county donation in the amount of \$61,700 is proposed for fee acquisitions.

Per MS 97A.056, Subd. 24, Please explain whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose.

Funding procured by NWLT and MLT through funding from this Outdoor Heritage Fund proposal will not supplant or substitute any previous funding from a non-Legacy fund used for the same purpose.

How will you sustain and/or maintain this work after the Outdoor Heritage Funds are expended?

NWLT and MLT are long standing conservation organizations that do not depend on Outdoor Heritage Funds to sustain or maintain our work. The majority of financial support for both NWLT and MLT must be raised on an annual basis. The work in this proposal allows both organizations to enhance and accelerate ongoing conservation efforts in North Central Minnesota; these grant funds will not substitute for or supplant other funding sources.

The fee-title acquisition(s) will be owned and managed by MN DNR Forestry or Hubbard County. The Minnesota Land Trust will hold the conservation easements acquired, which will be sustained through the best standards and practices for conservation easement stewardship. The Minnesota Land Trust is a nationally-accredited land trust with a very successful stewardship program that includes annual property monitoring, effective records management, addressing inquiries and interpretations, tracking changes in ownership, investigating potential violations and defending the easement in case of a true violation. In addition, MLT encourages landowners to undertake active ecological management of their properties, provides them with habitat management plans, and works with them over time to secure resources (expertise and funding) to undertake these activities over time.

Actions to Maintain Project Outcomes

Year	Source of Funds	Step 1	Step 2	Step 3
2024 and in perpetuity	MLT stewardship fund	Annually monitor easements	Enforcement as necessary	-

Activity Details

Requirements

If funded, this program will meet all applicable criteria set forth in MS 97A.056?

Yes

Will county board or other local government approval be formally sought prior to acquisition, per 97A.056 subd 13(j)?**

Yes

Is the land you plan to acquire (fee title) free of any other permanent protection?

No

Describe the permanent protection and justification for additional protection:

Stream access easement (see May 2021 letter to LSOHC).

Is the land you plan to acquire (easement) free of any other permanent protection?

Yes

Who will manage the easement?

Minnesota Land Trust.

Who will be the easement holder?

Minnesota Land Trust.

What is the anticipated number of easements (range is fine) you plan to accomplish with this appropriation?

Minnesota Land Trust expects to close between 5-8 easements under this grant, depending on size and cost.

Land Use

Will there be planting of any crop on OHF land purchased or restored in this program?

No

Is this land currently open for hunting and fishing?

No

Will the land be open for hunting and fishing after completion?

Yes

Describe any variation from the State of Minnesota regulations:

MNDNR Forestry or Hubbard County would manage the 659 acre complex on Kabekona River.

Who will eventually own the fee title land?

- State of MN
- County

Land acquired in fee will be designated as a:

- State Forest
- County Forest

What is the anticipated number of closed acquisitions (range is fine) you plan to accomplish with this appropriation?

1-4 fee title acquisitions will be purchased and conveyed to MNDNR Forestry or Hubbard County.

Will the eased land be open for public use?

No

Are there currently trails or roads on any of the proposed acquisitions?

Yes

Describe the types of trails or roads and the allowable uses:

Most conservation easements are established on private lands, many of which have driveways, field roads and trails located on them. Often, the conservation easement permits the continued usage of established trails and roads so long as their use does not significantly impact the conservation values of the property. Creation of new roads/trails or expansion of existing ones is typically not allowed.

Will the trails or roads remain and uses continue to be allowed after OHF acquisition?

Yes

How will maintenance and monitoring be accomplished?

Existing trails and roads on easement lands are identified in the project baseline report and will be monitored annually as part of the Land Trust's stewardship and enforcement protocols.

Maintenance of permitted roads/trails in accordance with the terms of the easement will be the responsibility of the landowner.

Will new trails or roads be developed or improved as a result of the OHF acquisition?

No

Will the acquired parcels be restored or enhanced within this appropriation?

Yes

Restoration and enhancement may be completed on some easement parcels, depending on the the need and condition of each parcel. For the fee title project, restoration and enhancement will not be necessary within the appropriation.

Timeline

Activity Name	Estimated Completion Date
Landowner outreach, consultation, technical assistance and easement preparation	ongoing through June 2024
Protect 659 acres on Kabekona River; convey to MNDNR Forestry or Hubbard County.	6/30/24
Protect 341 acres on targeted riparian and forested watershed parcels via conservation easements	6/30/24

Date of Final Report Submission: 11/01/2024

Availability of Appropriation: Subd. 7. Availability of Appropriation

Money appropriated in this section may not be spent on activities unless they are directly related to and necessary for a specific appropriation and are specified in the accomplishment plan approved by the Lessard-Sams Outdoor Heritage Council. Money appropriated in this section must not be spent on indirect costs or other institutional overhead charges that are not directly related to and necessary for a specific appropriation. Unless otherwise provided, the amounts in this section are available until June 30, 2023. For acquisition of real property, the amounts in this section are available until June 30, 2024, if a binding agreement with a landowner or purchase agreement is entered into by June 30, 2023, and closed no later than June 30, 2024. Funds for restoration or enhancement are available until June 30, 2025, or five years after acquisition, whichever is later, in order to complete initial restoration or enhancement work. If a project receives at least 15 percent of its funding from federal funds, the time of the appropriation may be extended to equal the availability of federal funding to a maximum of six years if the federal funding was confirmed and included in the original approved draft accomplishment plan. Funds appropriated for fee title acquisition of land may be used to restore, enhance, and provide for public use of the land acquired with the appropriation. Public-use facilities must have a minimal impact on habitat in acquired lands.

Budget

Budget reallocations up to 10% do not require an amendment to the Accomplishment Plan.

Grand Totals Across All Partnerships

Item	Funding Request	Antic. Leverage	Leverage Source	Total
Personnel	\$210,000	-	-	\$210,000
Contracts	\$77,000	-	-	\$77,000
Fee Acquisition w/ PILT	-	-	-	\$616,500
Fee Acquisition w/o PILT	\$616,500	\$61,700	-, Landowner, Lake Association, Individuals	\$678,200
Easement Acquisition	\$1,400,000	\$167,000	Landowner Donation of Easement Value	\$1,567,000
Easement Stewardship	\$192,000	-	-	\$192,000
Travel	\$18,000	-	-	\$18,000
Professional Services	\$181,000	-	-	\$181,000
Direct Support Services	\$74,000	-	-	\$74,000
DNR Land Acquisition Costs	\$32,500	-	-	\$32,500
Capital Equipment	-	-	-	-
Other Equipment/Tools	\$5,000	-	-	\$5,000
Supplies/Materials	\$8,000	-	-	\$8,000
DNR IDP	-	-	-	-
Grand Total	\$2,814,000	\$228,700	-	\$3,659,200

Partner: Minnesota Land Trust**Totals**

Item	Funding Request	Antic. Leverage	Leverage Source	Total
Personnel	\$120,000	-	-	\$120,000
Contracts	\$42,000	-	-	\$42,000
Fee Acquisition w/ PILT	-	-	-	-
Fee Acquisition w/o PILT	-	-	-	-
Easement Acquisition	\$1,400,000	\$167,000	Landowner Donation of Easement Value	\$1,567,000
Easement Stewardship	\$192,000	-	-	\$192,000
Travel	\$10,000	-	-	\$10,000
Professional Services	\$129,500	-	-	\$129,500
Direct Support Services	\$32,500	-	-	\$32,500
DNR Land Acquisition Costs	-	-	-	-
Capital Equipment	-	-	-	-
Other Equipment/Tools	\$5,000	-	-	\$5,000
Supplies/Materials	-	-	-	-
DNR IDP	-	-	-	-
Grand Total	\$1,931,000	\$167,000	-	\$2,098,000

Personnel

Position	Annual FTE	Years Working	Funding Request	Antic. Leverage	Leverage Source	Total
MLT Protection Staff	0.42	3.0	\$120,000	-	-	\$120,000

Partner: Northern Waters Land Trust**Totals**

Item	Funding Request	Antic. Leverage	Leverage Source	Total
Personnel	\$90,000	-	-	\$90,000
Contracts	\$35,000	-	-	\$35,000
Fee Acquisition w/ PILT	-	-	-	\$616,500
Fee Acquisition w/o PILT	\$616,500	\$61,700	Landowner, Lake Association, Individuals	\$678,200
Easement Acquisition	-	-	-	-
Easement Stewardship	-	-	-	-
Travel	\$8,000	-	-	\$8,000
Professional Services	\$51,500	-	-	\$51,500
Direct Support Services	\$41,500	-	-	\$41,500
DNR Land Acquisition Costs	\$32,500	-	-	\$32,500
Capital Equipment	-	-	-	-
Other Equipment/Tools	-	-	-	-
Supplies/Materials	\$8,000	-	-	\$8,000
DNR IDP	-	-	-	-
Grand Total	\$883,000	\$61,700	-	\$1,561,200

Personnel

Position	Annual FTE	Years Working	Funding Request	Antic. Leverage	Leverage Source	Total
NWLT Staff	0.5	3.0	\$90,000	-	-	\$90,000

Amount of Request: \$2,814,000**Amount of Leverage:** \$228,700**Leverage as a percent of the Request:** 8.13%**DSS + Personnel:** \$284,000**As a % of the total request:** 10.09%**Easement Stewardship:** \$192,000**As a % of the Easement Acquisition:** 13.71%**How will this program accommodate the reduced appropriation recommendation from the original proposed requested amount?**

Outputs were reduced proportionately to the funding that was allocated. Funding was allocated to ensure NWLT would secure one priority parcel in fee title acquisition and conduct effective landowner outreach. MLT's budget would enable a proportionate amount of conservation easements.

Describe and explain leverage source and confirmation of funds:

NWLT plans to cover any expenses not covered by this grant through donations or general operating income.

MLT encourages landowners to fully or partially donate the value of conservation easements to the program; the leverage amount is a conservative estimate of value we expect to see donated by landowners.

Contracts

What is included in the contracts line?

NWLT - One sole source provider contractor.

MLT - Writing of habitat management plans by vendors.

Easement Stewardship

What is the number of easements anticipated, cost per easement for stewardship, and explain how that amount is calculated?

The average cost per easement to fund the Minnesota Land Trust's perpetual monitoring and enforcement obligations is \$24,000. This figure is derived from MLT's detailed stewardship funding "cost analysis" which is consistent with Land Trust Accreditation standards. MLT shares periodic updates to this cost analysis with LSOHC staff.

Travel

Does the amount in the travel line include equipment/vehicle rental?

Yes

Explain the amount in the travel line outside of traditional travel costs of mileage, food, and lodging

Land Trust staff regularly rent vehicles for grant-related purposes, which is a significant cost savings over use of personal vehicles.

I understand and agree that lodging, meals, and mileage must comply with the current MMB Commissioner Plan:

No

Direct Support Services

How did you determine which portions of the Direct Support Services of your shared support services is direct to this program?

NWLT and MLT have individual, pre-determined percentages.

MLT - In a process that was approved by the DNR on March 17, 2017, Minnesota Land Trust determined our direct support services rate to include all of the allowable direct and necessary expenditures that are not captured in other line items in the budget, which is similar to the Land Trust's proposed federal indirect rate. We will apply this DNR-approved rate only to personnel expenses to determine the total amount of direct support services.

Federal Funds

Do you anticipate federal funds as a match for this program?

No

Output Tables**Acres by Resource Type (Table 1)**

Type	Wetland	Prairie	Forest	Habitat	Total Acres
Restore	0	0	0	0	0
Protect in Fee with State PILT Liability	0	0	0	0	0
Protect in Fee w/o State PILT Liability	0	0	0	659	659
Protect in Easement	0	0	0	341	341
Enhance	0	0	0	0	0
Total	0	0	0	1,000	1,000

Total Requested Funding by Resource Type (Table 2)

Type	Wetland	Prairie	Forest	Habitat	Total Funding
Restore	-	-	-	-	-
Protect in Fee with State PILT Liability	-	-	-	-	-
Protect in Fee w/o State PILT Liability	-	-	-	\$883,000	\$883,000
Protect in Easement	-	-	-	\$1,931,000	\$1,931,000
Enhance	-	-	-	-	-
Total	-	-	-	\$2,814,000	\$2,814,000

Acres within each Ecological Section (Table 3)

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	N. Forest	Total Acres
Restore	0	0	0	0	0	0
Protect in Fee with State PILT Liability	0	0	0	0	0	0
Protect in Fee w/o State PILT Liability	0	0	0	0	659	659
Protect in Easement	0	0	0	0	341	341
Enhance	0	0	0	0	0	0
Total	0	0	0	0	1,000	1,000

Total Requested Funding within each Ecological Section (Table 4)

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	N. Forest	Total Funding
Restore	-	-	-	-	-	-
Protect in Fee with State PILT Liability	-	-	-	-	-	-
Protect in Fee w/o State PILT Liability	-	-	-	-	\$883,000	\$883,000
Protect in Easement	-	-	-	-	\$1,931,000	\$1,931,000
Enhance	-	-	-	-	-	-
Total	-	-	-	-	\$2,814,000	\$2,814,000

Average Cost per Acre by Resource Type (Table 5)

Type	Wetland	Prairie	Forest	Habitat
Restore	-	-	-	-
Protect in Fee with State PILT Liability	-	-	-	-
Protect in Fee w/o State PILT Liability	-	-	-	\$1,339
Protect in Easement	-	-	-	\$5,662
Enhance	-	-	-	-

Average Cost per Acre by Ecological Section (Table 6)

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	N. Forest
Restore	-	-	-	-	-
Protect in Fee with State PILT Liability	-	-	-	-	-

Protect in Fee w/o State PILT Liability	-	-	-	-	\$1,339
Protect in Easement	-	-	-	-	\$5,662
Enhance	-	-	-	-	-

Target Lake/Stream/River Feet or Miles

812 shoreline feet for fee title acquisition

Outcomes

Programs in the northern forest region:

- Increased availability and improved condition of riparian forests and other habitat corridors ~ *Private shoreline habitat and forested parcels totaling 341 acres will be permanently protected from development and fragmentation through conservation easements. Riparian forest lands under easement will maintain healthy habitat complexes for upland and aquatic species; forest cover will enhance water quality habitat for tullibee lakes. Conservation easement properties will protect fish habitat to insure high quality fishing opportunities. Greater public access for wildlife and outdoors-related recreation will be attained through a 659 acre Fee-Title acquisition project, to be conveyed to MNDNR Forestry or Hubbard County as managed forest lands.*

Parcels

For restoration and enhancement programs ONLY: Managers may add, delete, and substitute projects on this parcel list based upon need, readiness, cost, opportunity, and/or urgency so long as the substitute parcel/project forwards the constitutional objectives of this program in the Project Scope table of this accomplishment plan. The final accomplishment plan report will include the final parcel list.

Parcel Information

Sign-up Criteria?

[Yes](#)

Explain the process used to identify, prioritize, and select the parcels on your list:

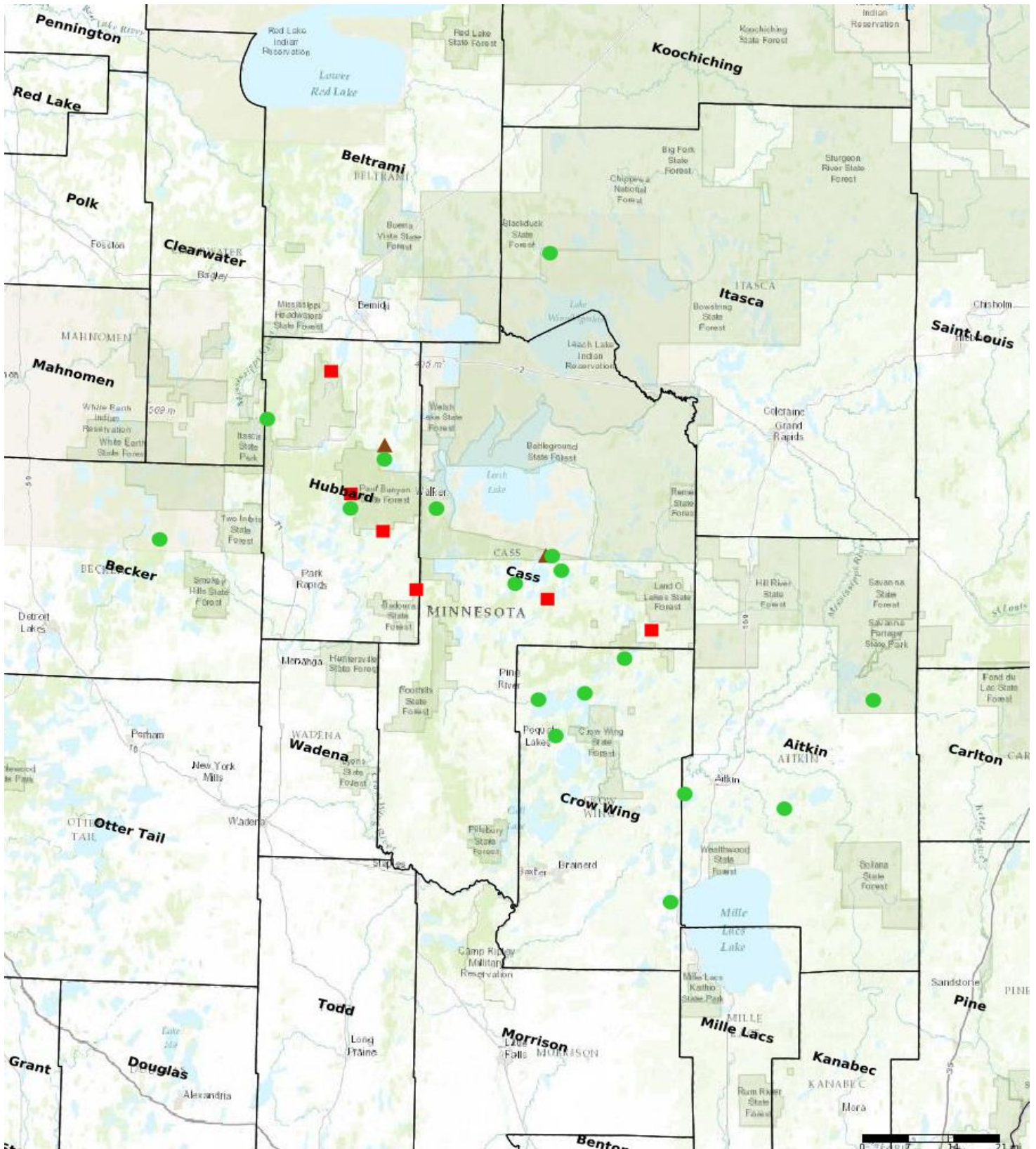
Protect Parcels

Name	County	TRDS	Acres	Est Cost	Existing Protection
Cedar Lake/watershed	Aitkin	04727231	0	\$0	No
Long Lake/watershed	Aitkin	04625210	0	\$0	No
Round Lake/watershed	Aitkin	04923225	0	\$0	No
Wabedo Lake	Cass	14028232	118	\$763,500	No
Girl Lake Watershed/Woman Lake AMA	Cass	14128232	20	\$450,000	No
Woman Lake	Cass	14029221	220	\$60,000	No
Wabedo Lake/watershed	Cass	14828232	0	\$0	No
Girl Lake/watershed	Cass	14128233	0	\$0	No
Long Lake/watershed	Cass	14231233	0	\$0	No
Little Boy Lake/watershed	Cass	14028210	0	\$0	No
Roosevelt Lake/watershed	Cass	13826208	0	\$0	No
Borden Lake/watershed	Crow Wing	04428214	0	\$0	No
Ossawinamakee Lake/watershed	Crow Wing	13628204	0	\$0	No
Island Lake/Loon Lake watershed	Crow Wing	13727205	0	\$0	No
Whitefish Lake/watershed	Crow Wing	13728207	0	\$0	No
TCF Ten Mile Watershed	Hubbard	14032225	160	\$245,100	No
LaSalle	Hubbard	14435231	220	\$250,000	No
Kabekona Lake/watershed	Hubbard	14332230	0	\$0	No
TCF Spearhead Watershed	Hubbard	14534226	80	\$120,000	No
TCF 9th & 11th Crow Wing Watershed	Hubbard	14132218	200	\$338,800	No
TCF Big Sand Watershed	Hubbard	14233220	240	\$417,900	No
Big Sand Lake/watershed	Hubbard	14138228	0	\$0	No
Big Mantrap Lake/watershed	Hubbard	14233232	0	\$0	No

Protect Parcels with Buildings

Name	County	TRDS	Acres	Est Cost	Existing Protection	Buildings	Value of Buildings
Leavitt Lake/Roosevelt Watershed	Cass	13926224	67	\$387,000	No	3	\$18,400
Kabekona Lake/watershed	Hubbard	14332218	659	\$1,200,000	Yes	1	\$14,300

Parcel Map



- Protect in Easement
- ▲ Protect in Fee with PILT
- Protect in Fee W/O PILT
- ★ Restore
- ✕ Enhance
- ⊕ Other